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JUN 2 8 2004

Amendment Transmittal

Docket No. _____ 23US _____

In re application of: Vivian F. Liu et al.

Application No.: 09/929,513

Filed: August 13, 2001

Group Art Unit: 1647

For: **METHOD FOR ANALYZING CELLULAR EVENTS**

**THE ASSISTANT COMMISSIONER FOR PATENTS**
**Washington, D.C. 20231**

Date: ____ June 24, 2004 ____

I hereby certify that this is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

MS: Amendment

Commissioner for Patents
P.O. Box 1450

Alexandria, VA 22313-1450

Signed: _____

Sir:

Transmitted herewith are the following documents in the above-identified application.

[ X ]  Response to Restriction Requirement;
[ X ]  Return Postcard.

If any extension of time is needed, then this response should be considered a petition therefor.
The filing fee has been calculated as shown below:

| | (Col. 1) CLAIMS REMAINING AFTER AMENDMENT | | (Col. 2) HIGHEST NO. PREVIOUSLY PAID FOR | (Col. 3) PRESENT EXTRA | | SMALL ENTITY | | | OTHER THAN SMALL ENTITY | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | RATE | ADDIT. FEE | OR | RATE | ADDIT. FEE |
| TOTAL | *10 | MINUS | ** 20 | = 0 | | x $9.00 = | | | x $18.00 = | $0 |
| INDEP. | * 1 | MINUS | *** 2 | = 0 | | x $42.00 = | | | x $86.00 = | $0 |
| [ ] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM | | | | | | + $140.00 = | | | + $280.00 = | $0 |
| | | | | | | | | | | |
| | | | | | | TOTAL ADDIT. FEE | | OR | TOTAL | $0 |

*     If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
**    If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
***   If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, then write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

[ X ]  No fee is due.

Please charge Deposit Account No. 502822 as follows:

[ ]   Claims fee                                                                              $_____
[ X ]  Any additional fees associated with this paper or during the pendency of this application.

__NO__  extra copies of this sheet are enclosed.

MDS Sciex, INC.

Kevin Patrick Howard, PH.D., Reg. No.: 48,999

Docket No. 002300US

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

    Vivian F. Liu et al.

Application No.: 09/929,513

Filed: August 13, 2001

For: **METHOD FOR ANALYZING CELLULAR
      EVENTS**

Examiner: Nelson Yang

Art Unit: 1641

<u>RESPONSE TO OFFICE
COMMUNICATION MAILED
25 March, 2004</u>

Assistant Commissioner for Patents
Alexandria, VA 22313-1450

Examiner Yang:

    In response to the Office Action of 25 March 2004, applicant requests reconsideration of the above-identified application in view of the following remarks.

**<u>Amendments:</u>**

**Specification:**

Please replace existing paragraph [0070] with the new paragraph provided below:

[0070] Ability of MCS to detect cellular activity has been demonstrated using a number of model systems. For example, the muscarinic m1 receptor that had been transfected into CHOk1 cells (Chinese ~~Hampster~~ Hamster Ovary wild-type cells) to form CHOm1 (transfected) cells was activated in the presence of agonists, and activation was inhibited in the presence of antagonists. In one such assay, CHOm1 and CHOk1 cells were treated with carbachol, a known activator of the m1 receptor. Differential activation of these cell types can readily be seen using the well-known LJL fluorescent assay, and this differentiation of activity could be detected using MCS. There was some